

Docket No.  
18807-81451

## Declaration For Patent Application

### English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**CLASS E/F SWITCHING POWER AMPLIFIERS**

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on October 9, 2001 as United States Application No. or PCT International Application Number 09/974,557

and was amended on \_\_\_\_\_

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

**October 10, 2000**

(Filing Date)

(Filing Date)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, CFR Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Filing Date)

(Status)  
(patented, pending, abandoned)


(Filing Date)

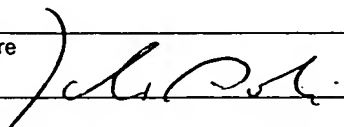
(Status)  
(patented, pending, abandoned)

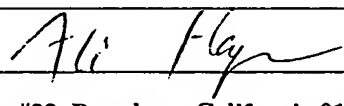
(Filing Date)

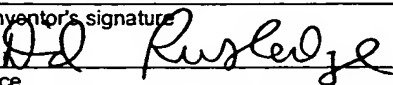
(Status)  
(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor <b>Scott David Kee</b>	
Sole or first inventor's signature 	Date 01/10/02
Residence <b>1831 Reiter Drive, Pasadena, California 91106</b>	
Citizenship <b>United States of America</b>	
Post Office Address <b>Same as Residence Address</b>	

Full name of second inventor, if any <b>Ichiro Aoki</b>	
Second inventor's signature 	Date 01/02/02
Residence <b>52 West Pamela Road, Arcadia, California 91007</b>	
Citizenship <b>Japan</b>	
Post Office Address <b>Same as Residence Address</b>	

Full name of third inventor, if any <b>Seyed-Ali Hajimiri</b>	
Third inventor's signature 	Date 01/02/02
Residence <b>686 South Arroyo Parkway, #33, Pasadena, California 91105</b>	
Citizenship <b>Iran</b>	
Post Office Address <b>Same as Residence Address</b>	

Full name of fourth inventor, if any <b>David B. Rutledge</b>	
Fourth inventor's signature 	Date 12/27/01
Residence <b>1770 Orangewood Street, Pasadena, California 91106-3521</b>	
Citizenship <b>United States of America</b>	
Post Office Address <b>Same as Residence Address</b>	

REVOCATION/APPOINTMENT OF POWER OF ATTORNEY  
OR AUTHORIZATION OF AGENT

Old Docket Number 18807-81451

New Docket Number 121744-0015

In re Application of: Kee, et al.

Application Number: 09/974,557

Filed: 10/09/2001

Group Art Unit:  
2817

Examiner:  
Unassigned

To: Assistant Commissioner for Patents  
Washington, DC 20231

1. ☒ I hereby revoke all previous powers of attorney or authorization of agents in the above identified application.
2. ☐ I hereby revoke less than all previous powers of attorney or authorization of agents in the above application. Revocation applies to the following person(s): (give name(s) and registration number(s))
3. ☒ I/we hereby appoint the following person(s) as my/our attorney(s) or agent(s) to prosecute said application, and to transact all business in the Patent and Trademark Office connected therewith: (give name(s) and registration number(s))

CHRISTOPHER J. ROURK, Registration No. 39,348; Registration No. 31,213; JOHN M. CONE, Reg. No. 30,538; PRISCILLA L. FERGUSON, Registration No. 42,531; JOHN R. EMERSON, Registration No. 44,098; ALVIN R. WIRTHLIN, Registration No. 40,267; and DANIEL W. KEENE, Registration No. 46,821 of the firm of AKIN, GUMP, STRAUSS, HAUER & FELD, L.L.P.

4. ☐ The correspondence address is NOT affected by this communication.
- ☒ Change the correspondence address and direct all future correspondence to:
- Chris J. Rourk  
Akin, Gump, Strauss, Hauer & Feld, L.L.P.  
1700 Pacific Avenue, Suite 4100  
Dallas, TX 75201-4675

I am the:

- ☐ Applicant(s) (signatures of all applicants are required).
- ☒ Assignee of record of the entire interest.

Certification under 37 CFR 3.73(b)

- ☐ is enclosed.
- ☒ has already been filed in this application.



APR - 3 2002

Signature

Date

Adam Cochran, Intellectual Property Counsel  
Typed or Printed Name & Title

Address:  
California Institute of Technology  
1200 East California Blvd.  
Pasadena California 91125

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Scott David Kee, Ichiro Aoki, Seyed-Ali Hajimiri and David B. Rutledge  
Serial No.: 09/974,557  
Filed on: October 9, 2001  
Title: CLASS E/F SWITCHING POWER AMPLIFIERS  
Group: Unassigned

## POWER OF ATTORNEY

BOX MISSING PARTS  
Assistant Commissioner for Patents  
Washington, DC 20231

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO BOX MISSING PARTS, THE ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, DC 20231, ON <u>02/26/2002</u>	
BY	<u>Laura A. Brown</u> Laura A. Brown
	<u>02/26/2002</u> Date of Signature

Dear Sir or Madam:

The undersigned assignee of the entire interest in the above-identified patent application hereby appoints the following attorneys and/or agents, Edward G. Poplawski, Esq., Reg. No. 33,439; Nisan A. Steinberg, Ph.D., Reg. No. 40,345, and Denise L. McKenzie, Esq., Reg. No. 43,790, members of the bar of the State of California, whose address is SIDLEY AUSTIN BROWN & WOOD, 555 West Fifth Street, Los Angeles, California 90013-1010, to prosecute and transact all business in the United States Patent and Trademark Office relating to this application.

Please send all future correspondence to:

Edward G. Poplawski, Esq.  
SIDLEY AUSTIN BROWN & WOOD  
555 West Fifth Street  
Los Angeles, CA 90013-1010

and direct all telephone calls to: Edward G. Poplawski at (213) 896-6601; Fax (213) 896-6600.

Respectfully submitted,

CALIFORNIA INSTITUTE OF TECHNOLOGY



Adam Cochran  
The Intellectual Property Counsel

Dated: FEB 11 2002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Scott David Kee, Ichiro Aoki, Seyed-Ali Hajimiri and David B. Rutledge  
Serial No.: 09/974,557  
Filed on: October 9, 2001  
Title: CLASS E/F SWITCHING POWER AMPLIFIERS  
Group: Unassigned

## CERTIFICATE UNDER 37 C.F.R. 3.73(b) ESTABLISHING RIGHT OF ASSIGNEE TO PROSECUTE

BOX MISSING PARTS  
Assistant Commissioner for Patents  
Washington, DC 20231

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO BOX MISSING PARTS, THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231, ON <u>02/26</u> , 2002	
BY	<u>Laura A. Brown</u> Laura A. Brown
	<u>02/26/2002</u> Date of Signature

Dear Sir or Madam:

## CALIFORNIA INSTITUTE OF TECHNOLOGY

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of chain of title from the inventors, of the patent application identified above, to the current assignee as shown below:

1. From: Scott David Kee, Ichiro Aoki, Seyed-Ali Hajimiri and David B. Rutledge

To: CALIFORNIA INSTITUTE OF TECHNOLOGY

The document is being filed herewith with the Patent and Trademark Office. A copy thereof is attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FEB 11 2002

Date: \_\_\_\_\_

Name: Adam Cochran  
Title: The Intellectual Property Counsel

Signature: 